



## KÖSTER Fine Plaster

Technical Data Sheet M 655 025

Issued: 2020-09-14

### Fine plaster, area spackle, and base coat mortar in white

#### Features

Finely textured thin layer plaster for smooth decorative surfaces on Restoration Plasters and mineral based substrates. It can be applied in layer thicknesses from 2 – 5 mm and is felt-floatable. KÖSTER Fine Plaster is hydrophobic, water, weather, and frost resistant. The surface is finely structured, closed, and can be finished with paint or wallpaper.

#### Technical Data

Color	white
Floatable after	approx. 60 min.
Re-coatable after (+ 20 °C)	1 day per mm layer thickness
Compressive strength (28 days)	CS III
Density mortar	approx. 1.9 kg / l
Pot life (+ 20 °C)	approx. 1 hour
Max. layer thickness (as plaster)	5 mm
Max. aggregate size	0.7 mm

#### Fields of Application

KÖSTER Fine Plaster is especially suitable as an area and fine plaster over mineral substrates, KÖSTER Restoration Plasters, and base plasters. KÖSTER Fine Plaster can be used in interior and exterior applications, in old and new construction for renovating facades, skirting, and interior walls. For crack repair with embedded Glass Fiber Mesh and subsequent fine plaster. KÖSTER Fine Plaster is a smooth plaster for facade renovation.

#### Substrate

Suitable substrates include KÖSTER Restoration Plasters, concrete, masonry consisting of brick, natural stone, porous concrete block, perforated brick, mixed masonry, etc., sealing slurries such as KÖSTER NB 1 Grey, KÖSTER NB 2 White, or the KÖSTER KD-System. Mineral substrates must be clean and solid, free of oils and grease, formwork release agents, and cement residue. Salt efflorescence should be removed mechanically prior to the beginning of the restoration. Strongly absorbent and salt burdened substrates are primed with KÖSTER Polysil TG 500 with a minimum consumption of 120 g / m<sup>2</sup>. Apply the KÖSTER Polysil TG 500 until the surface is saturated. In the case of strongly absorbent substrates the consumption can be up to 250 g / m<sup>2</sup>. Substrates containing gypsum are not suitable substrates and the gypsum must be removed. Level off defects in the substrate and uneven surfaces before application with KÖSTER Restoration Plaster and overcoat with KÖSTER Fine Plaster within 3 days or after 28 days.

#### Application

Each 25 kg bag is mixed with 6.0 l to 7.0 l of clean potable water. Put 3/4 of water into a clean mixing vessel and add the powder in portions while continually mixing using a slow speed mechanical compulsory mixer (under 400 rpm). Add in portions as much of the remaining water as necessary to achieve the desired consistency and mix until the plaster has a homogeneous texture. Mixing time is 3 minutes after all powder has been added to the liquid.

The plaster is applied in one coat with a total layer thickness of 2 - 5 mm. KÖSTER Fine Plaster is applied with a 6 or 8 mm toothed trowel,

and is trued using a feather edge, a straight edge, or a long float trowel. Once the plaster starts to set it is smoothed using a float. After smoothing and curing, the surface of the plaster can be covered with paints and wallpapers which are open to vapor diffusion without further pre-treatment.

#### Aftertreatment

Protect the surface from dehydration.

Do not paint with waterglass-based paints, such as silicate paints.

#### Consumption

1.4 kg / m<sup>2</sup> per mm layer thickness

#### Cleaning

Clean tools immediately after use with water.

#### Packaging

M 655 025 25 kg bag

#### Storage

Store the material in a dry environment. In originally sealed packages, the material can be stored for a minimum of 12 months.

#### Safety

Wear protective gloves and goggles when processing the material. Observe all governmental, state, and local safety regulations when processing the material.

#### Related products

KÖSTER Polysil TG 500	Prod. code M 111
KÖSTER Restoration Plaster Grey	Prod. code M 661 025
KÖSTER Restoration Plaster White	Prod. code M 662 025
KÖSTER Restoration Plaster White/Fast	Prod. code M 663
KÖSTER Restoration Plaster White/Light	Prod. code M 664 020
KÖSTER Restoration Plaster Grey/Light	Prod. code M 666 020
KÖSTER Hydrosilicate Board	Prod. code M 670
KÖSTER Glass Fiber Mesh	Prod. code W 411
KÖSTER Repair Mortar	Prod. code W 530 025

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of application have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.